

1/29

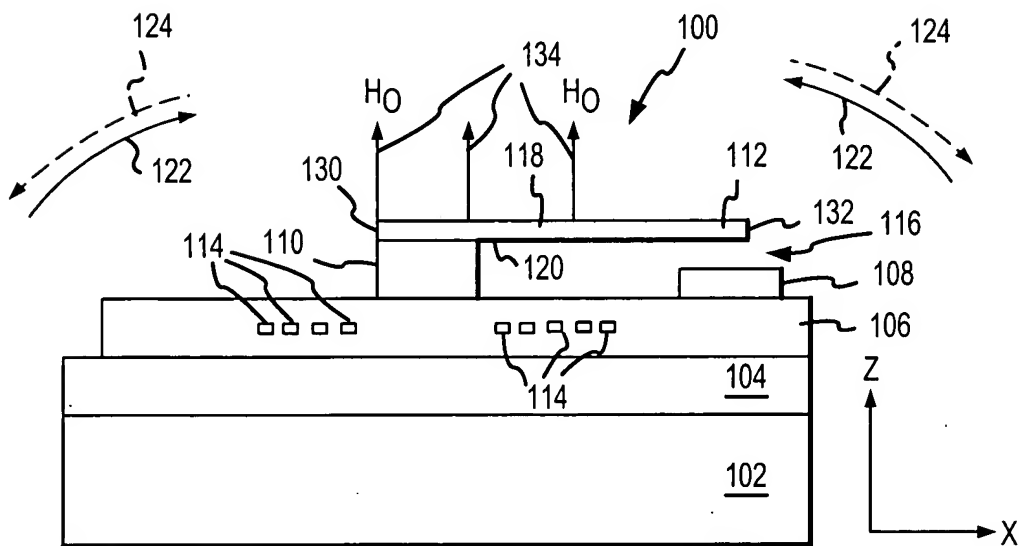


FIG. 1A

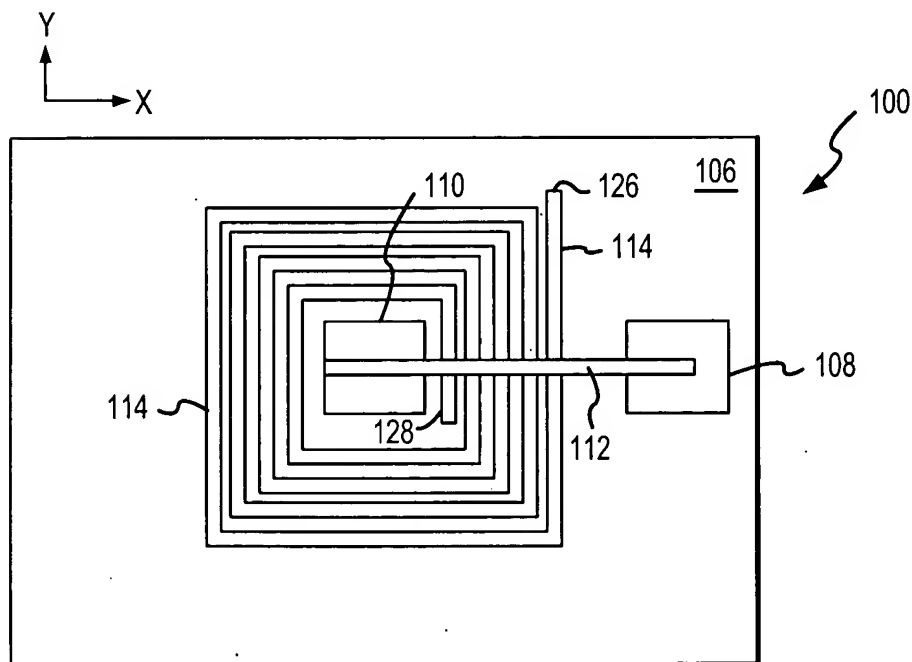
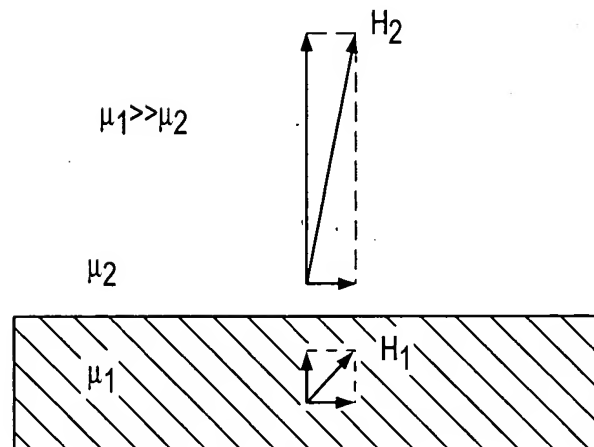
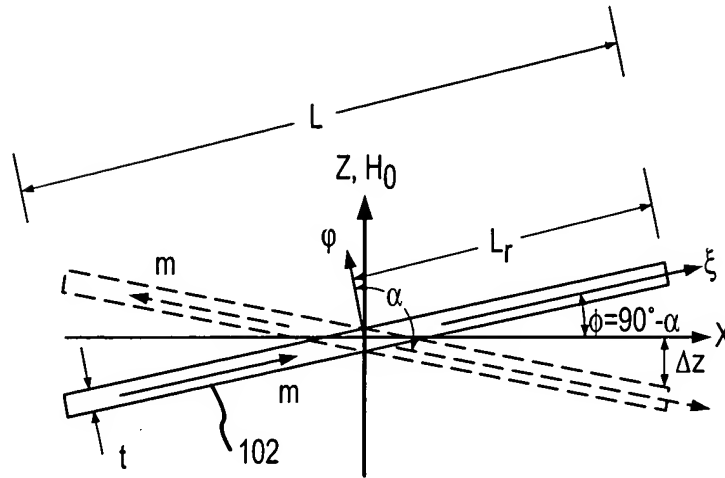


FIG. 1B

10051447.050702



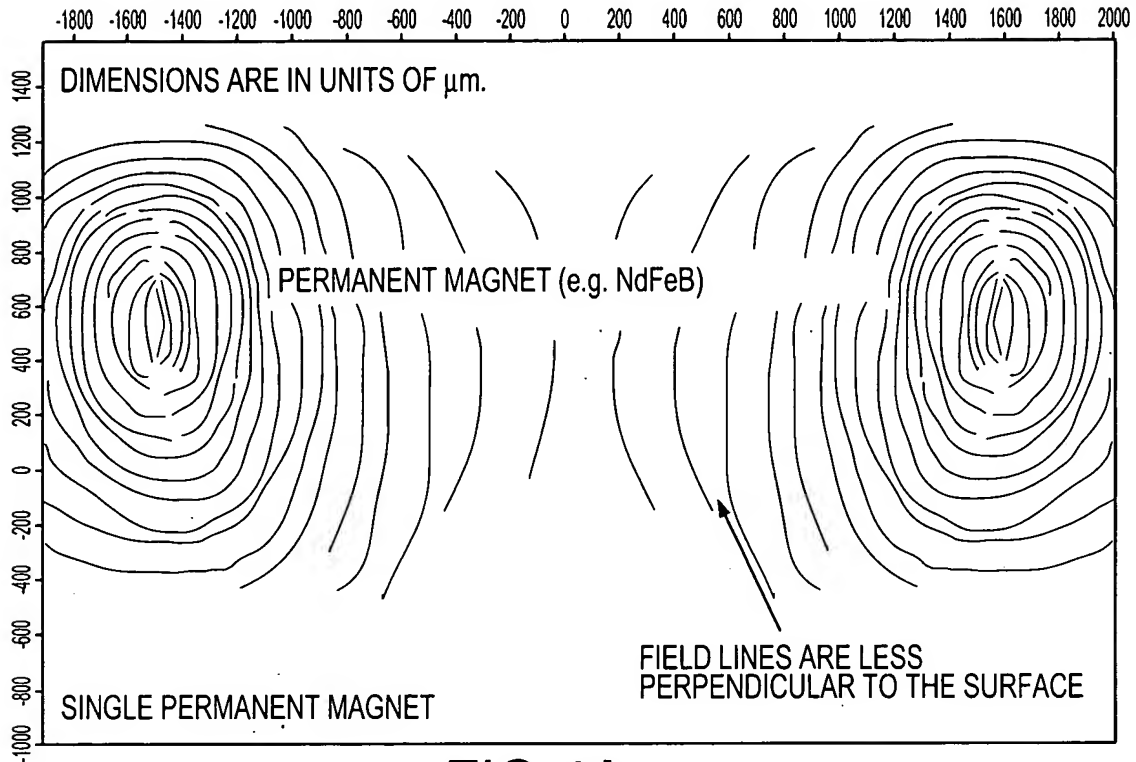


FIG. 4A

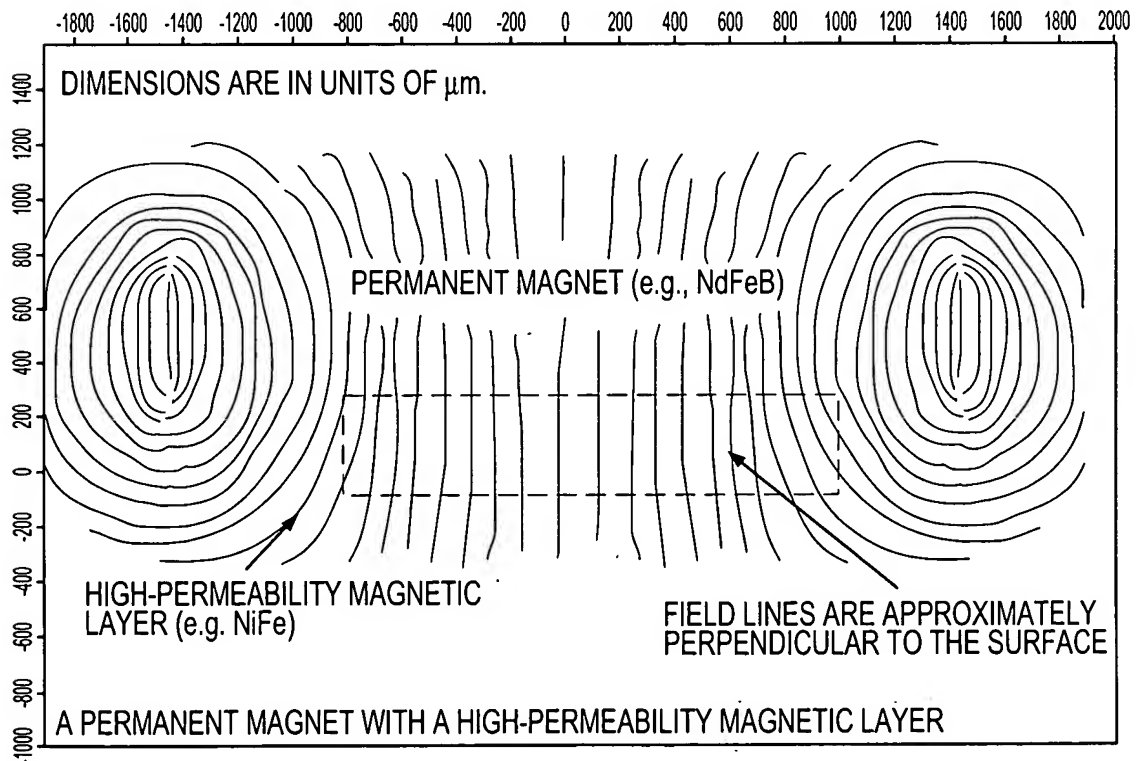


FIG. 4B

4/29

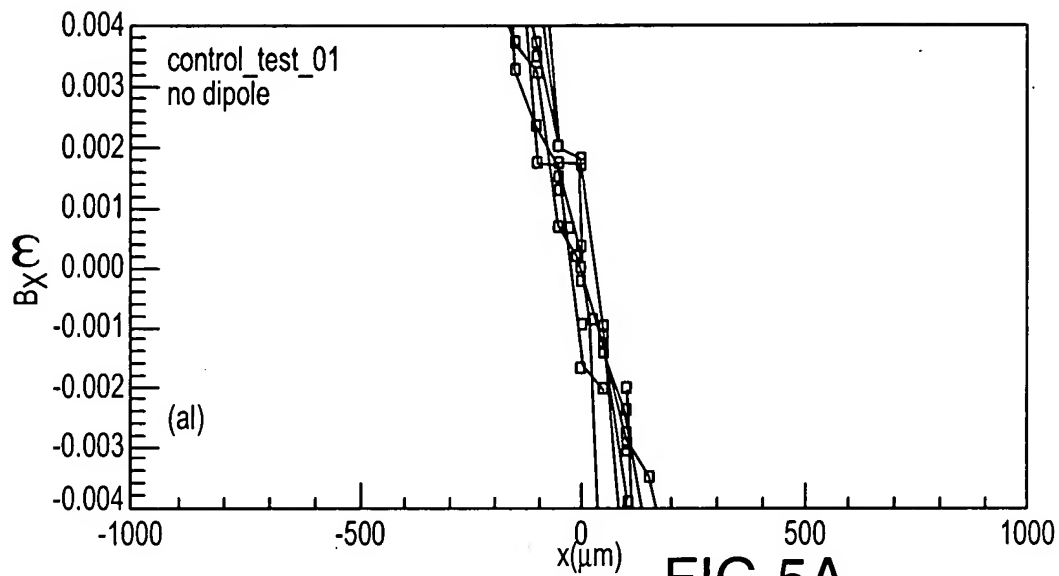


FIG. 5A

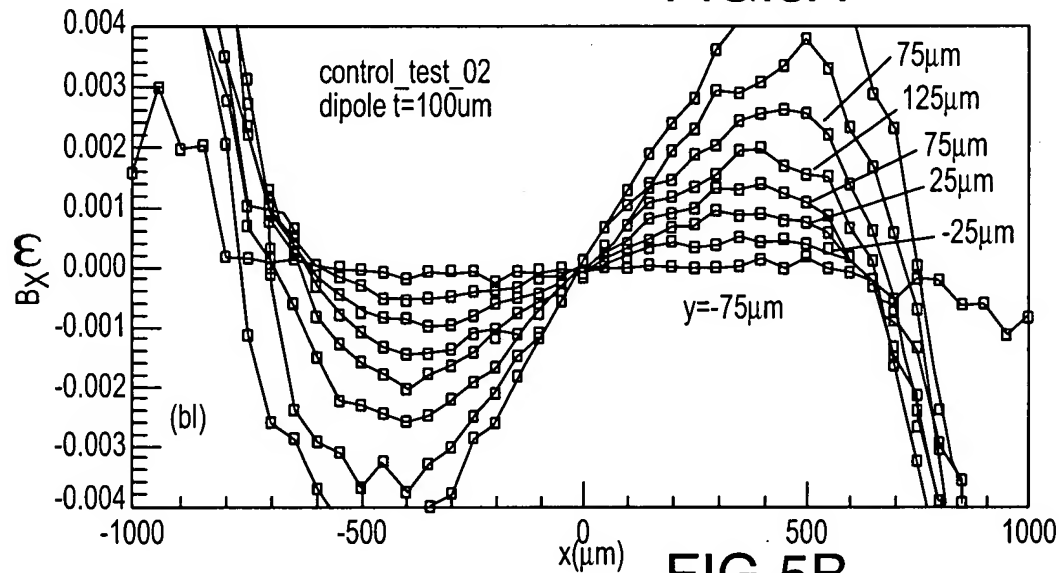


FIG. 5B

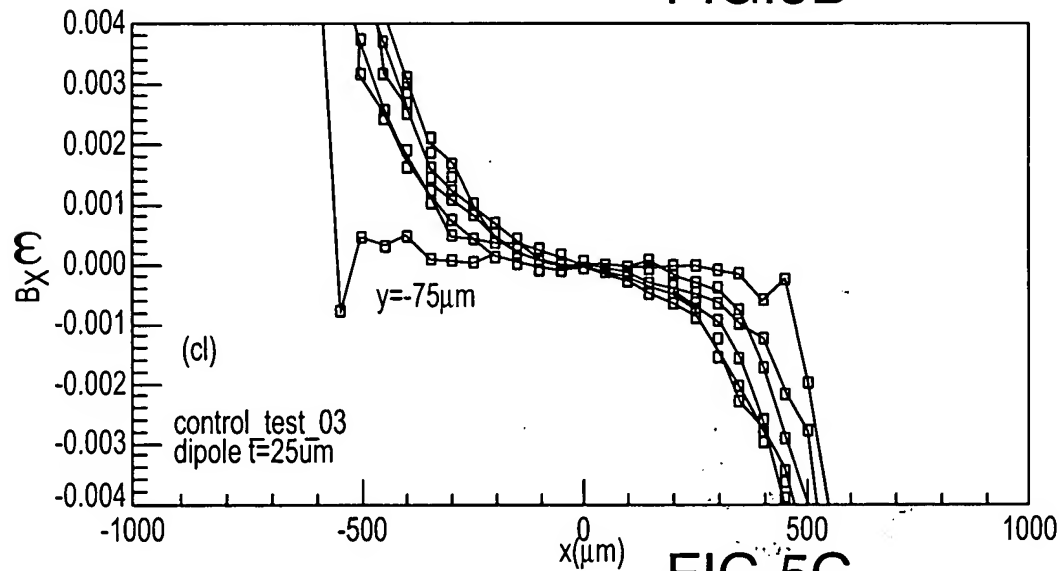


FIG. 5C

10051447 0500T

5/29

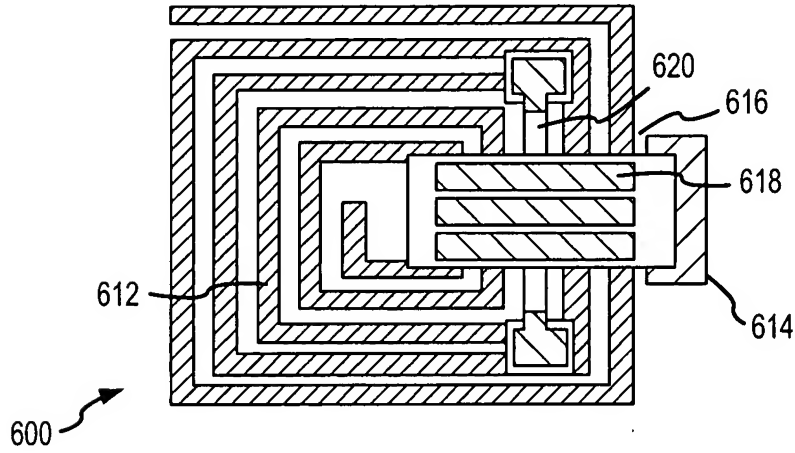


FIG. 6A

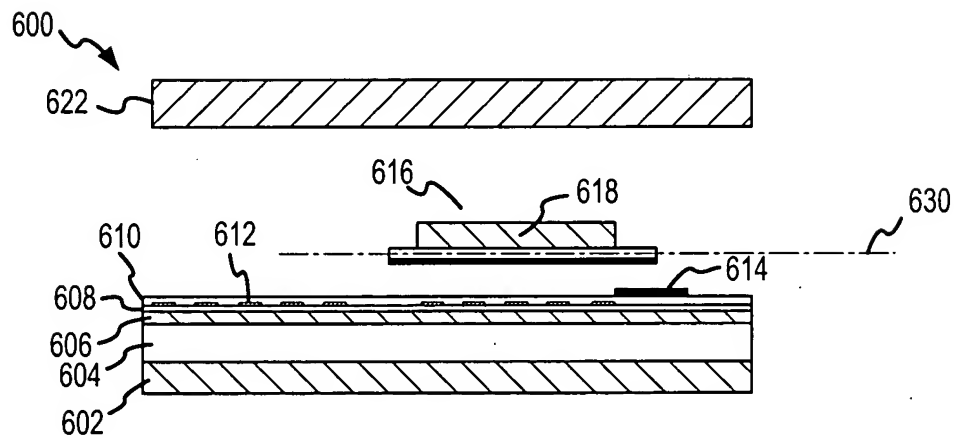


FIG. 6B

10051447.050702

6/29

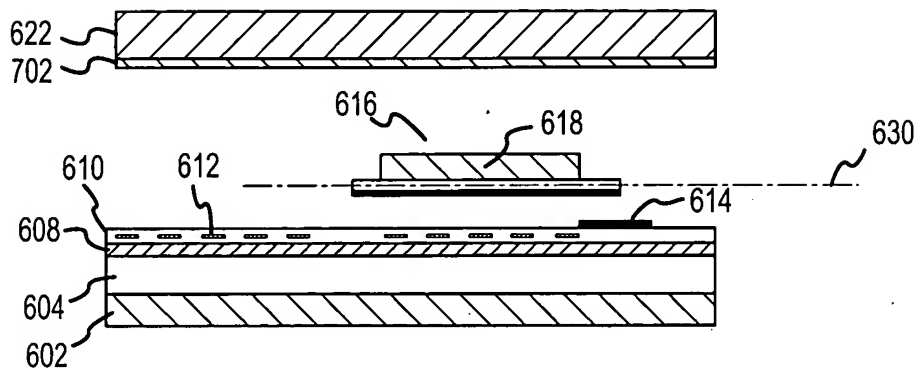


FIG.7

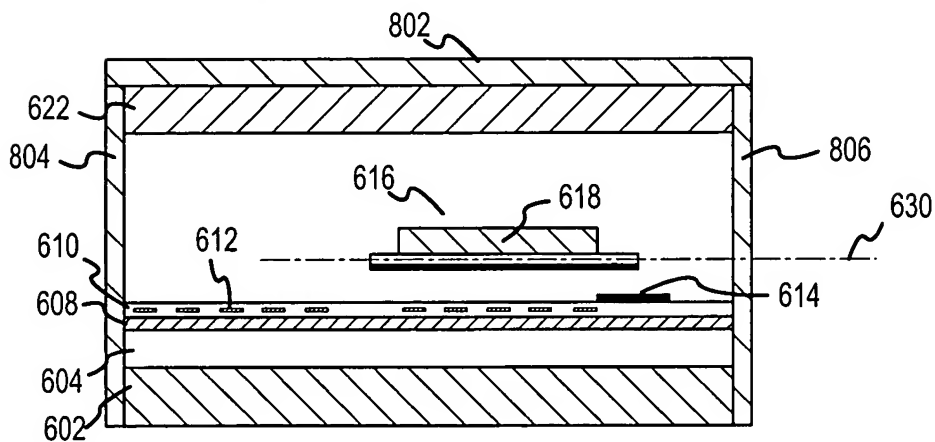


FIG.8

10050-447500F

7/29

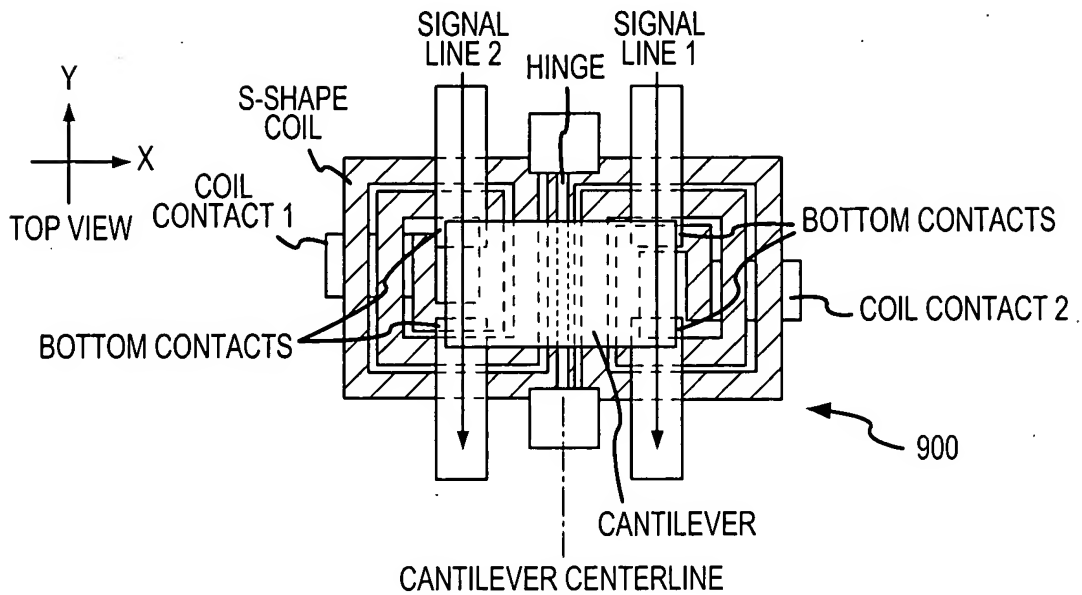


FIG. 9A

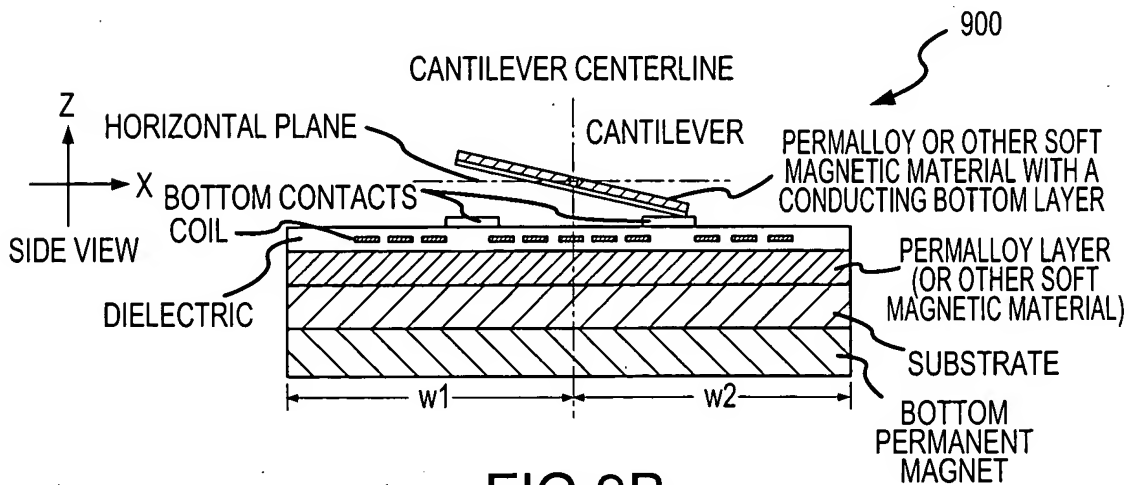


FIG. 9B

10051447-050702

8/29

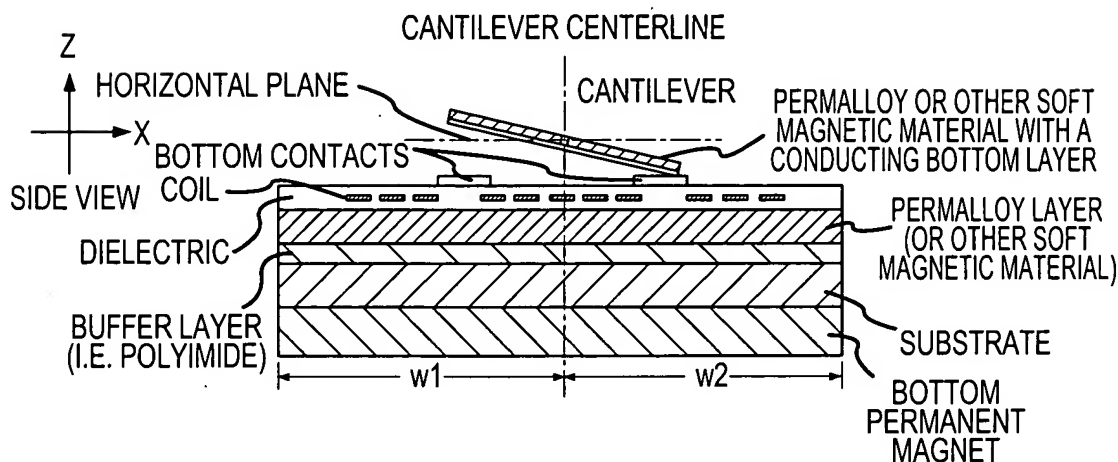


FIG. 10

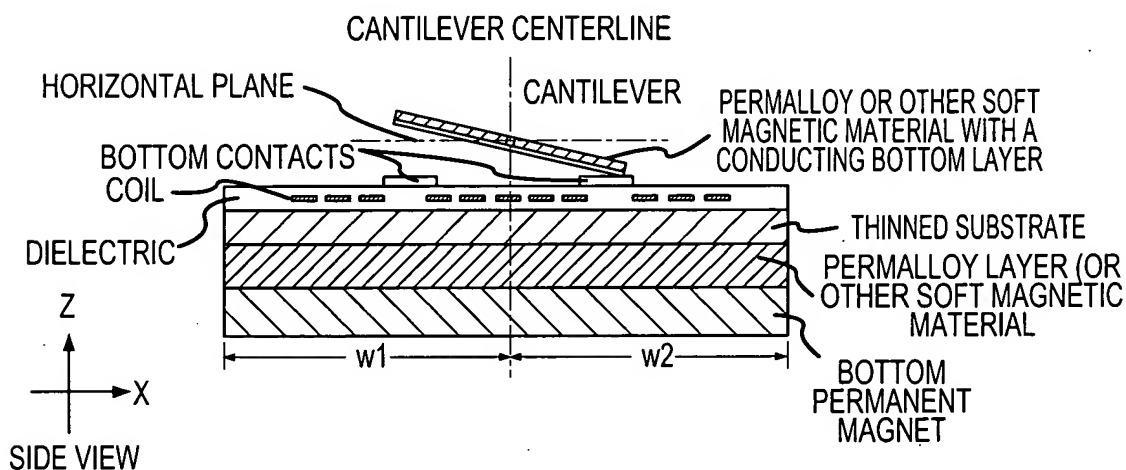


FIG. 11

10051447.050702



9/29

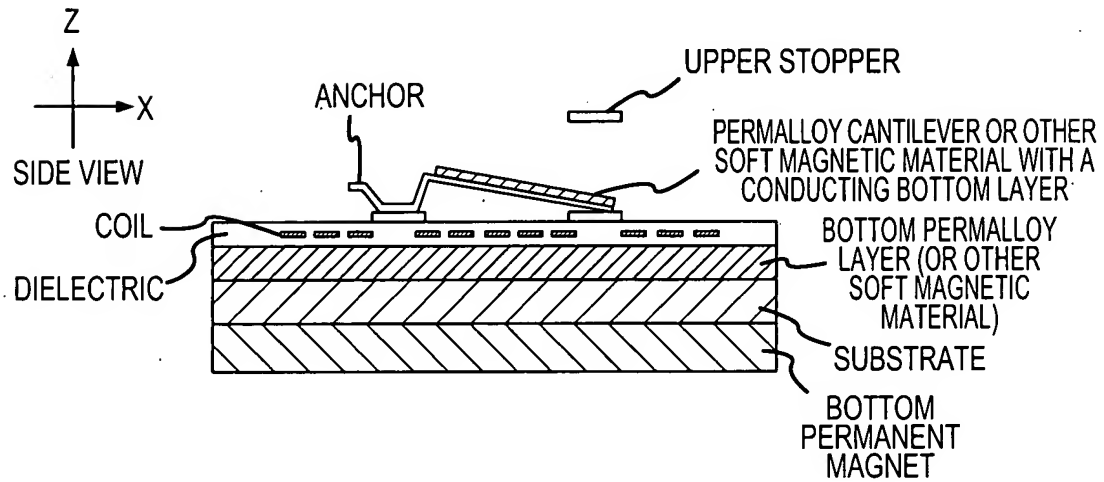


FIG.12

10051447.050702

10/29

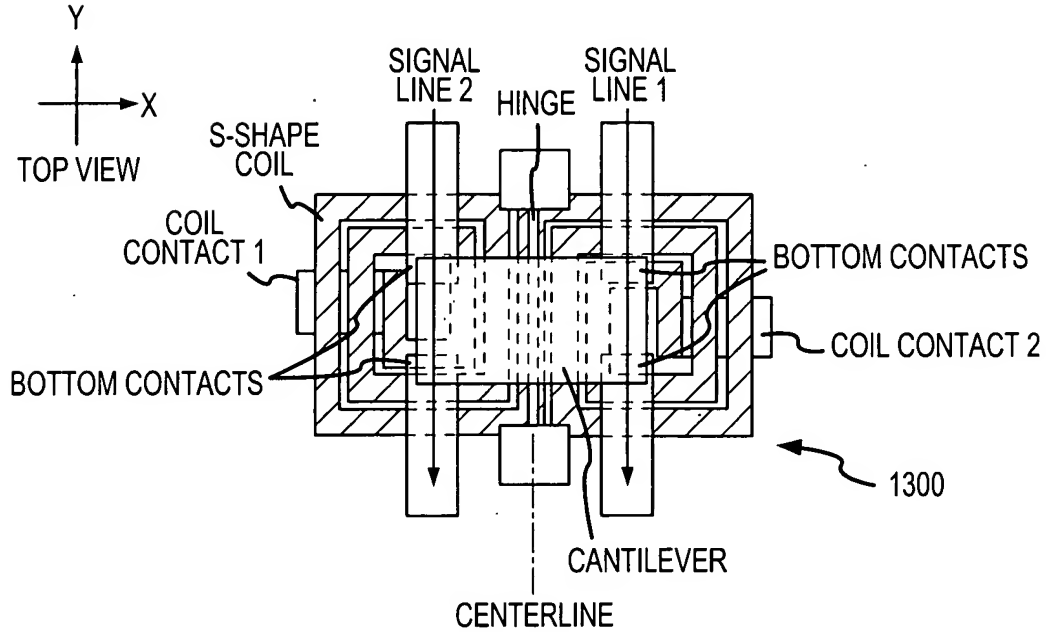


FIG. 13A

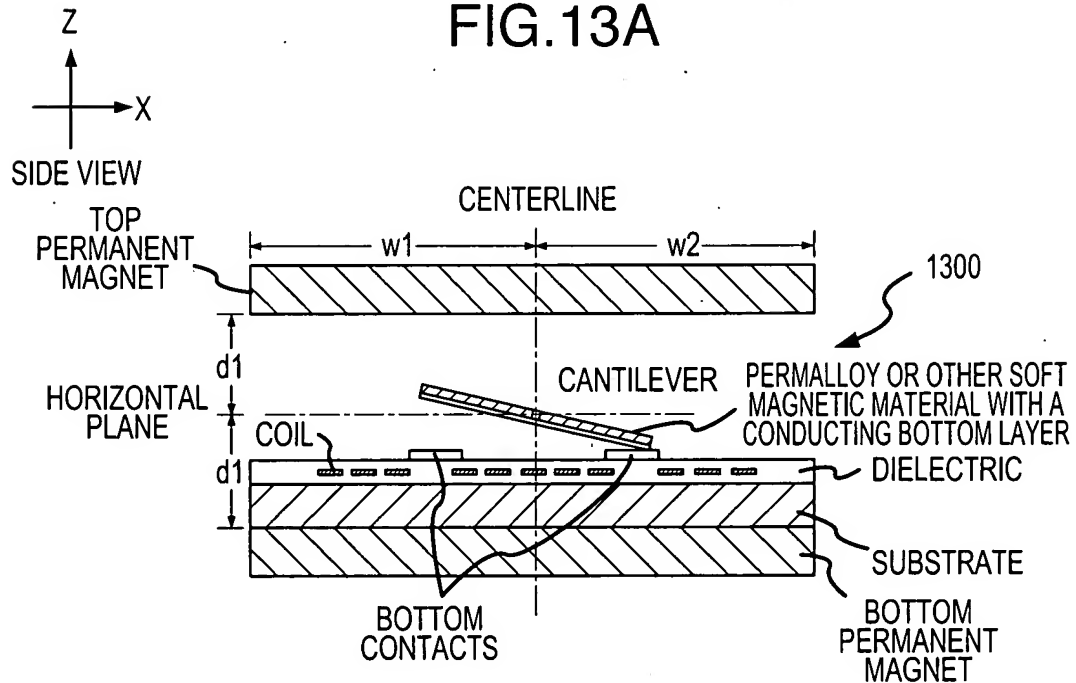


FIG. 13B

10051447.50702

11/29

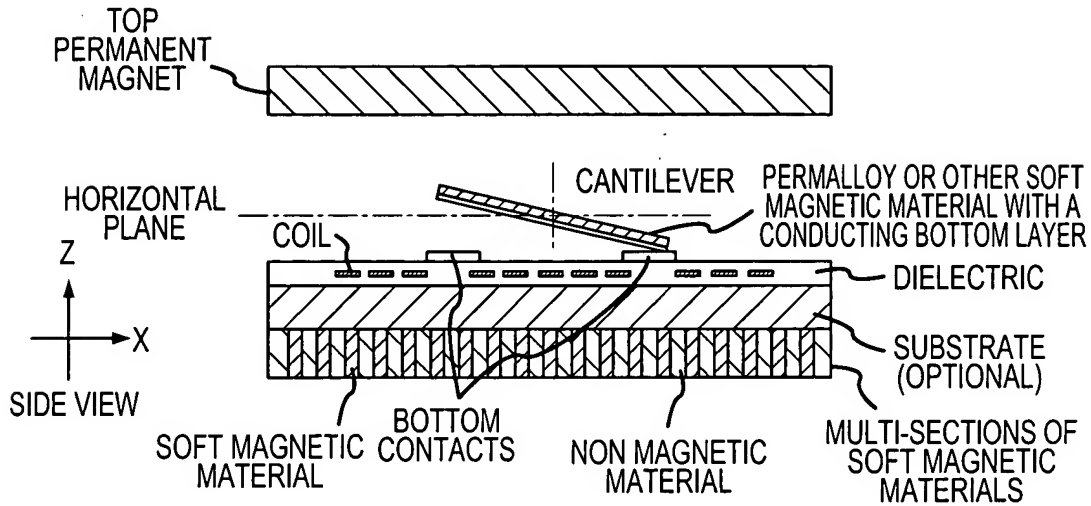


FIG. 13C

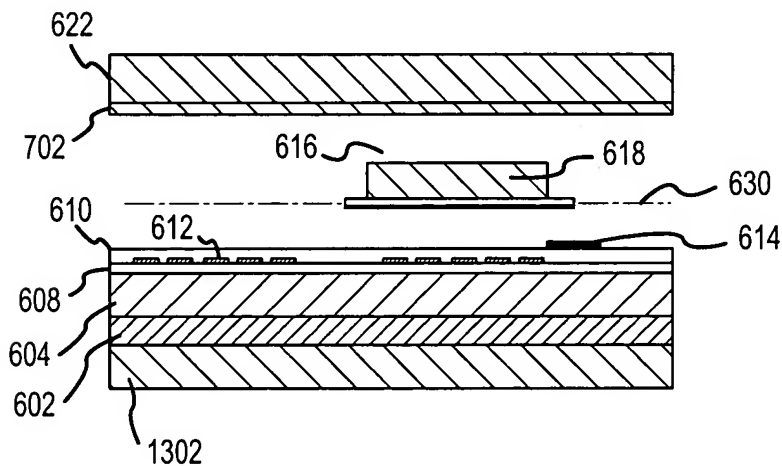


FIG. 13D

10051447.050702

12/29

PREFERRED REGION OF  
PLACEMENT OF THE MICRO  
MAGNETIC LATCHING SWITCH

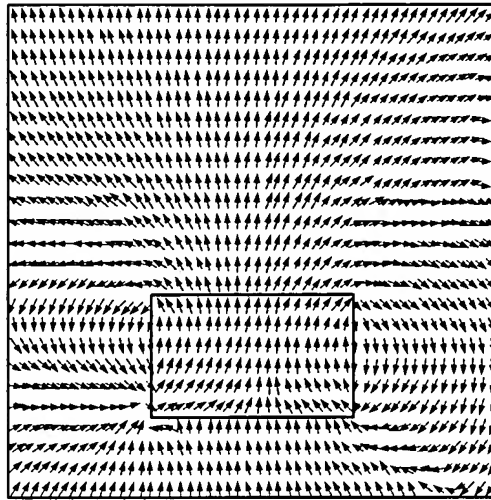


FIG. 14A

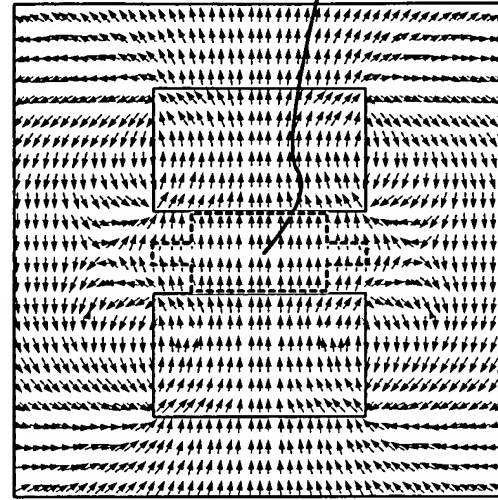


FIG. 14B

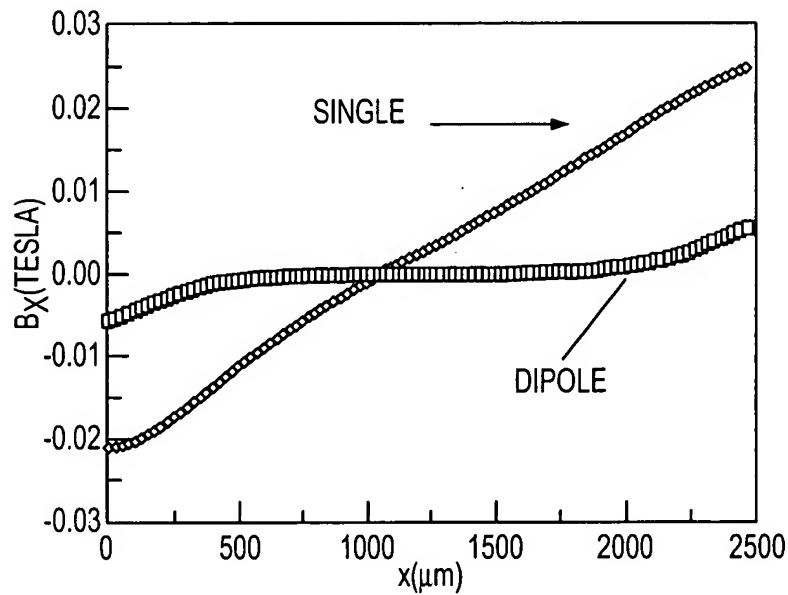


FIG. 14C

202050 244T500T

# Micro-Magnetic Latching Switch With Relaxed Permanent Magnet Alignment Requirements

Jun Shen, et al.

Application No.: 10/051,447

Docket No.: 12218.1600

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928

13/29

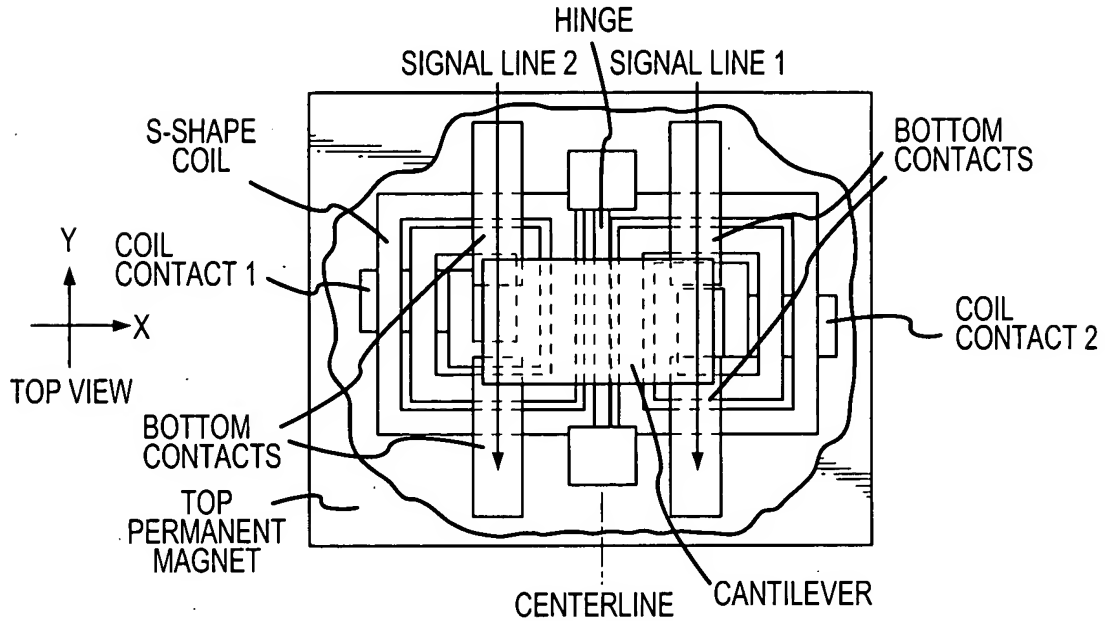


FIG. 15A

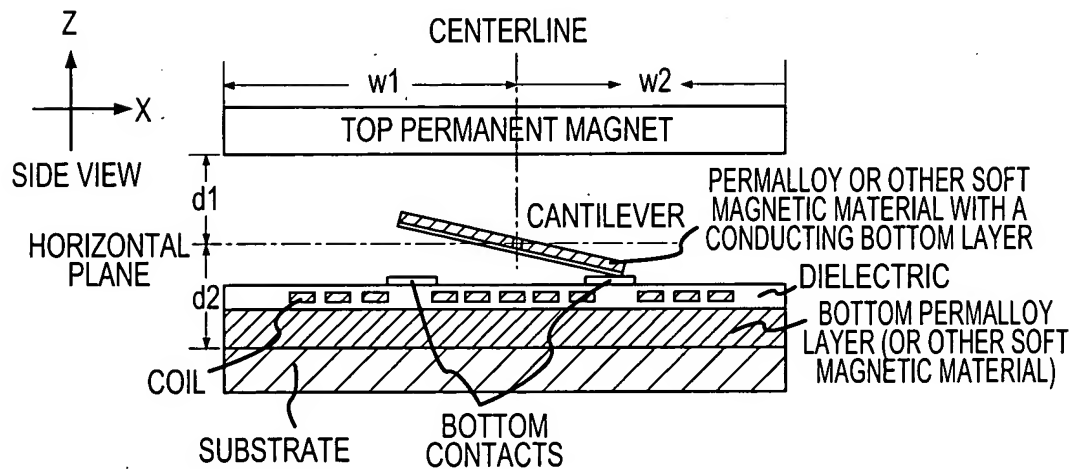


FIG. 15B

10051447.0500

14/29

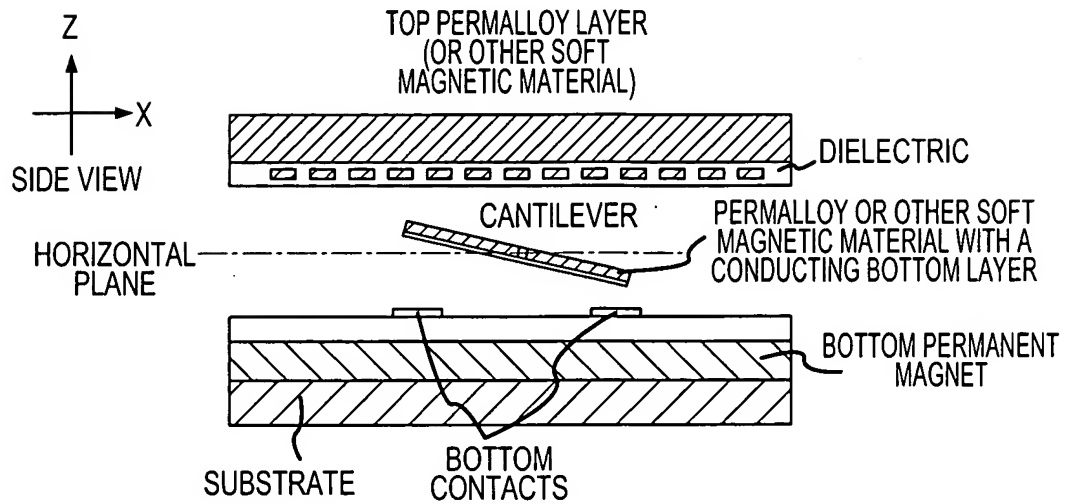


FIG. 16

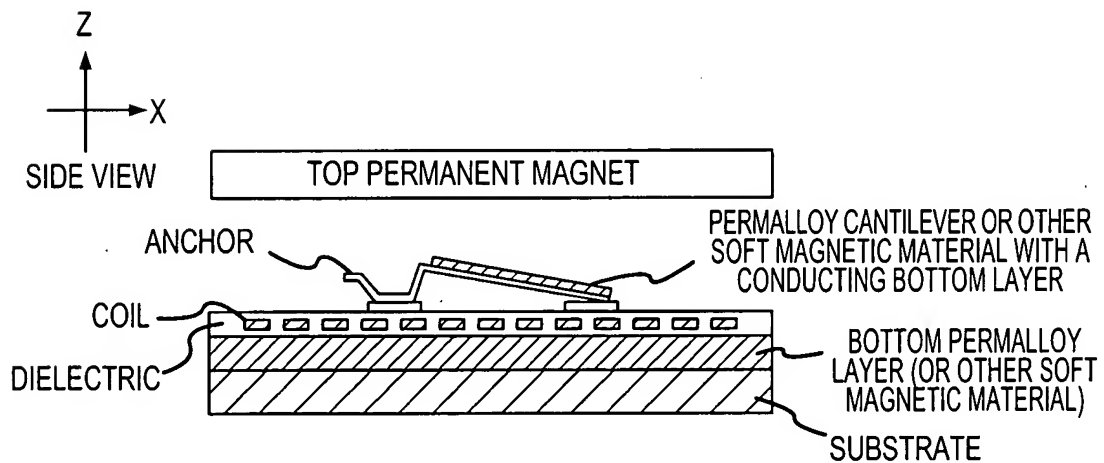


FIG. 17

10051447.050702

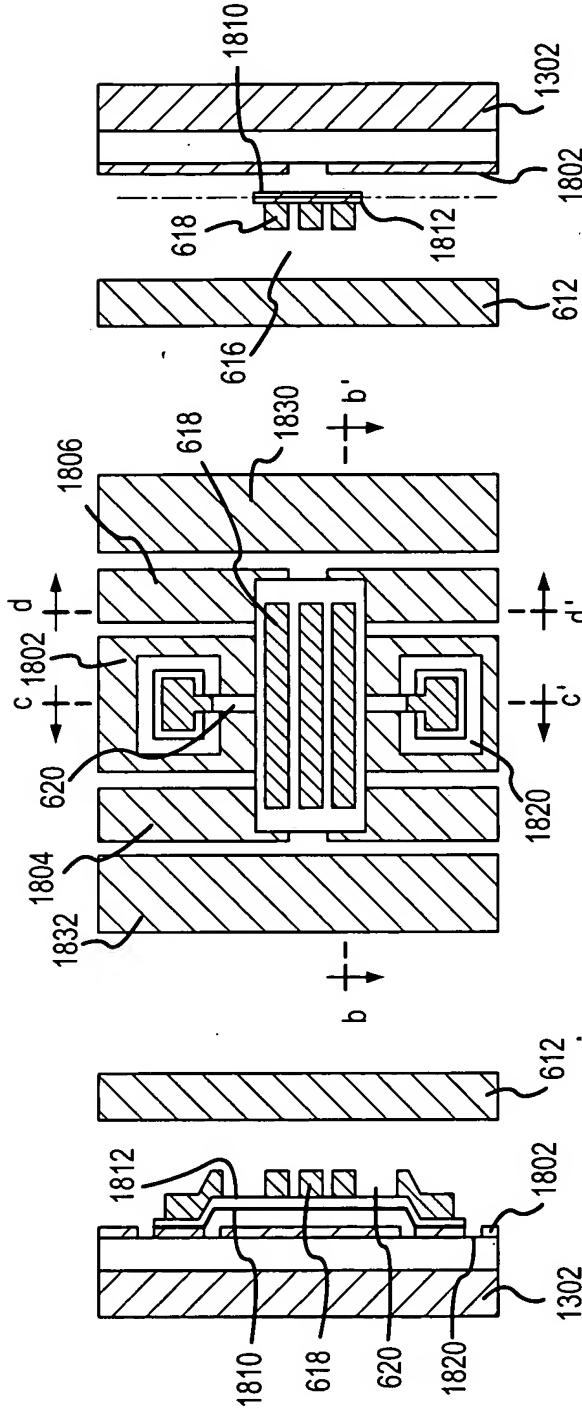


FIG. 18D

FIG. 18A

FIG. 18C

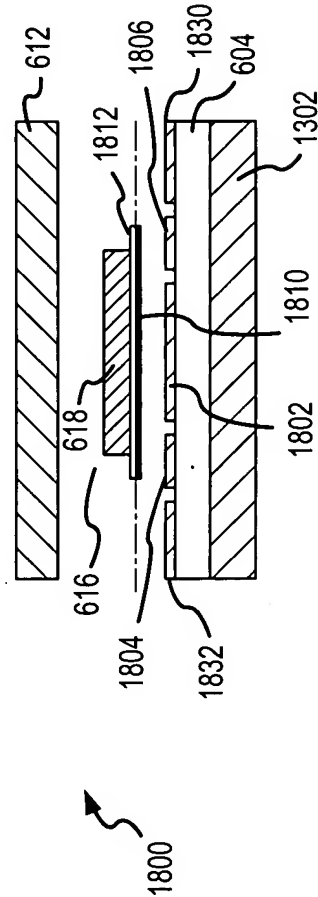


FIG. 18B

FIG. 19C

30342



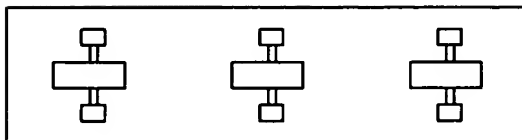


FIG.20

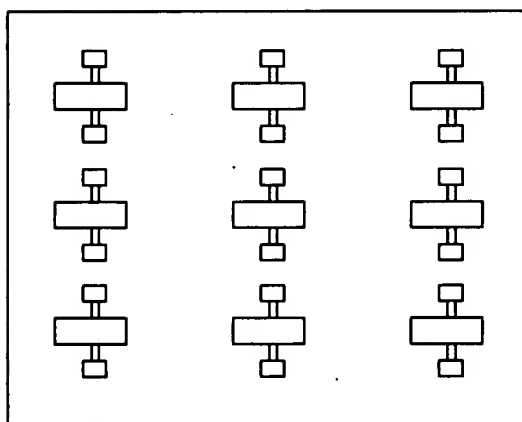


FIG.21

10051447 202050 24475007

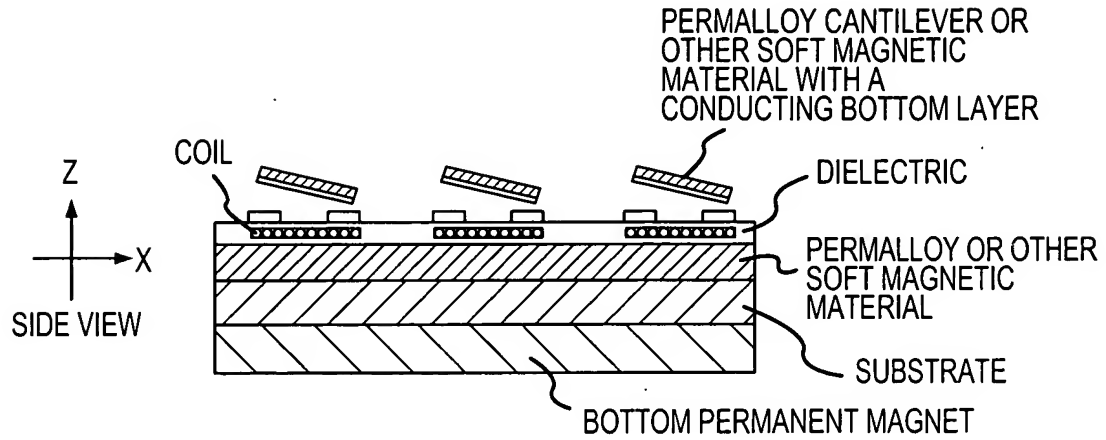


FIG. 22

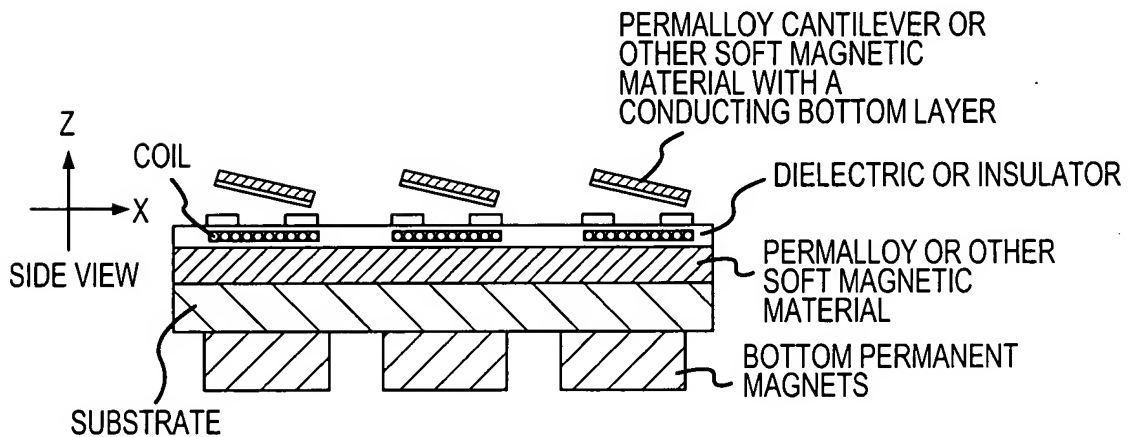


FIG. 23

10051447-050702

19/29

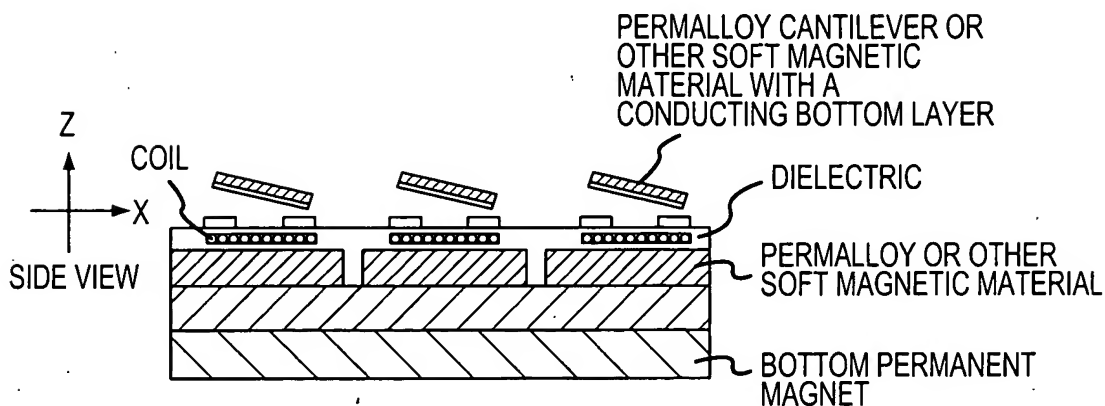


FIG. 24

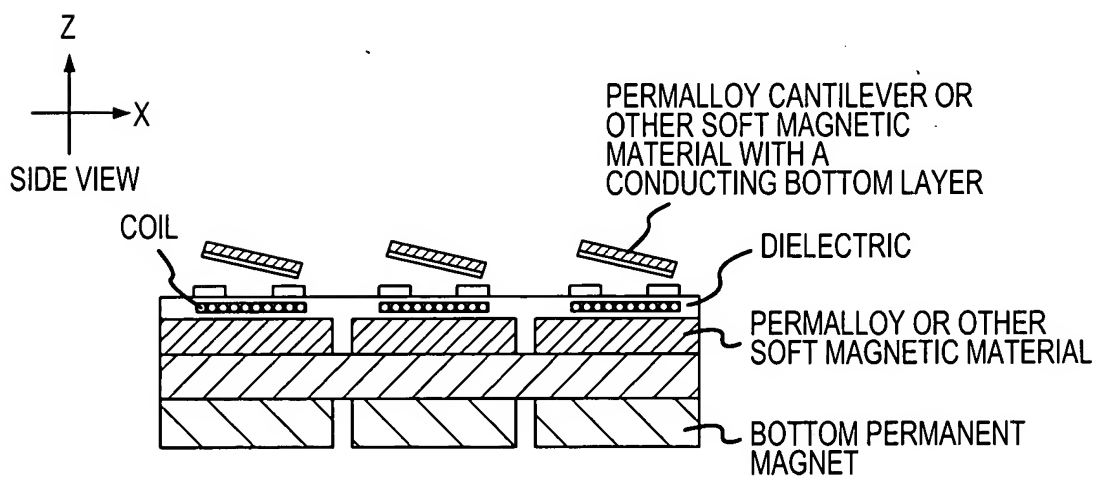


FIG. 25

10051447.050702

20/29

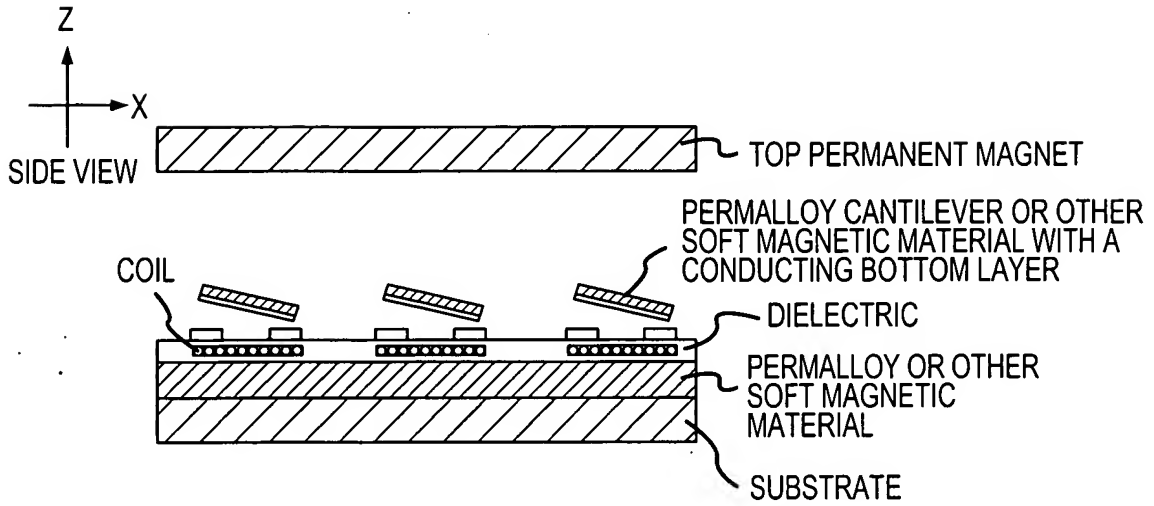


FIG. 26

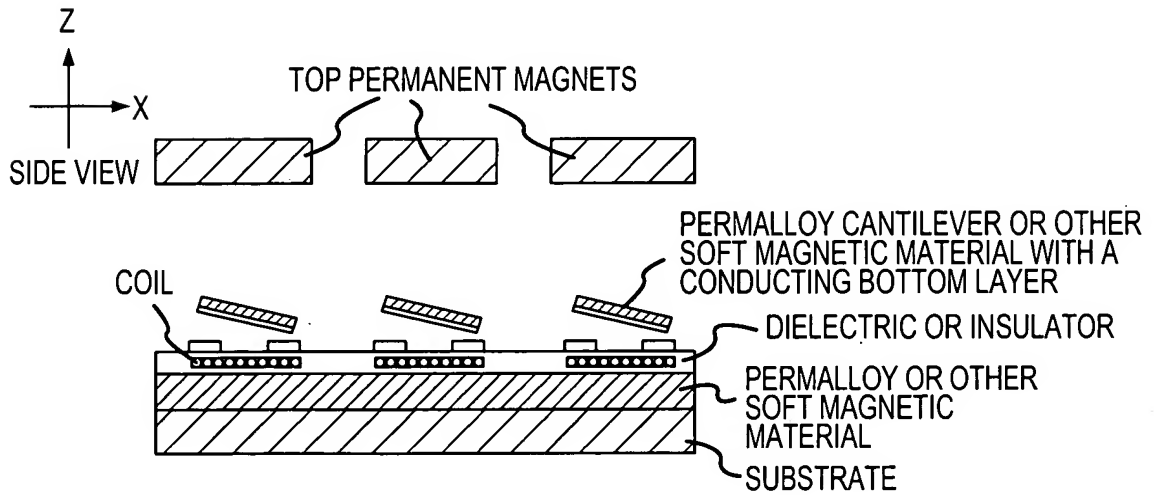


FIG. 27

10051447 050702

21/29

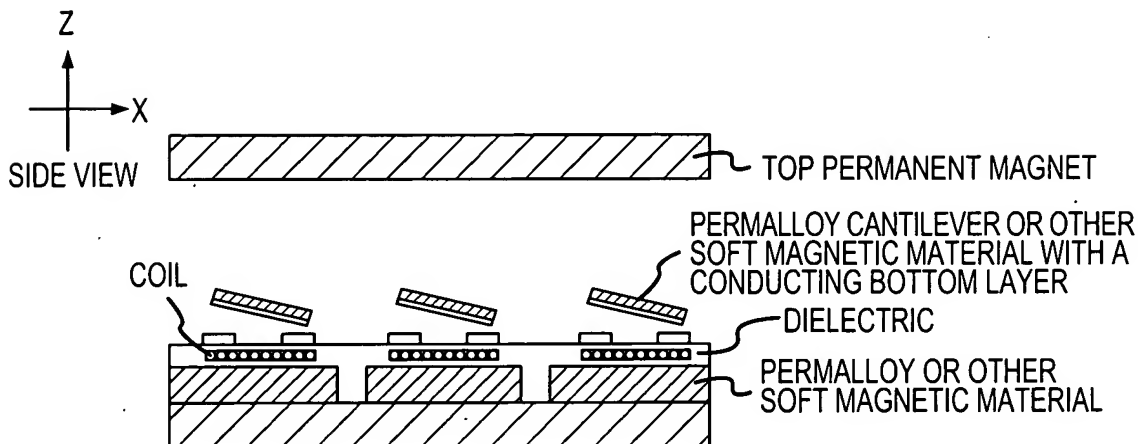


FIG. 28

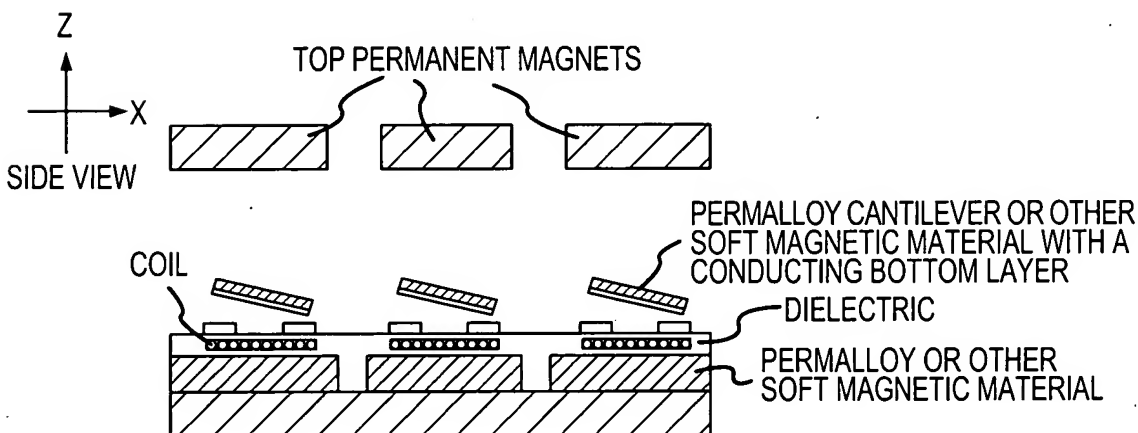


FIG. 29

10051447 05070

22/29

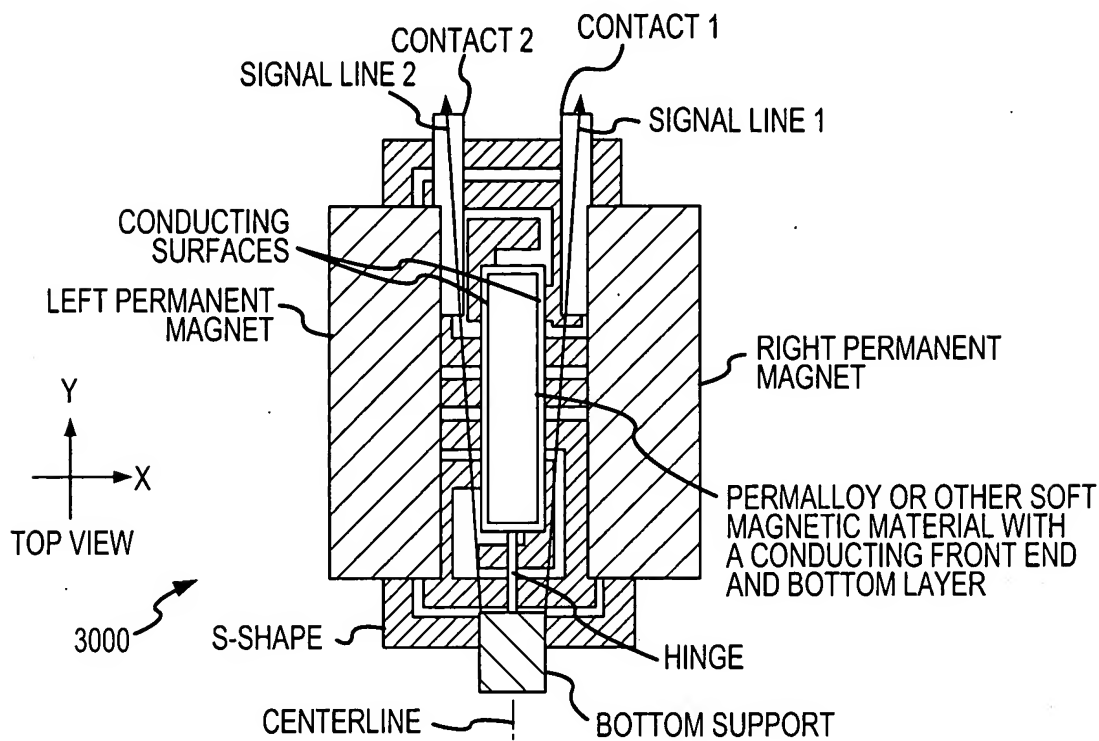


FIG. 30A

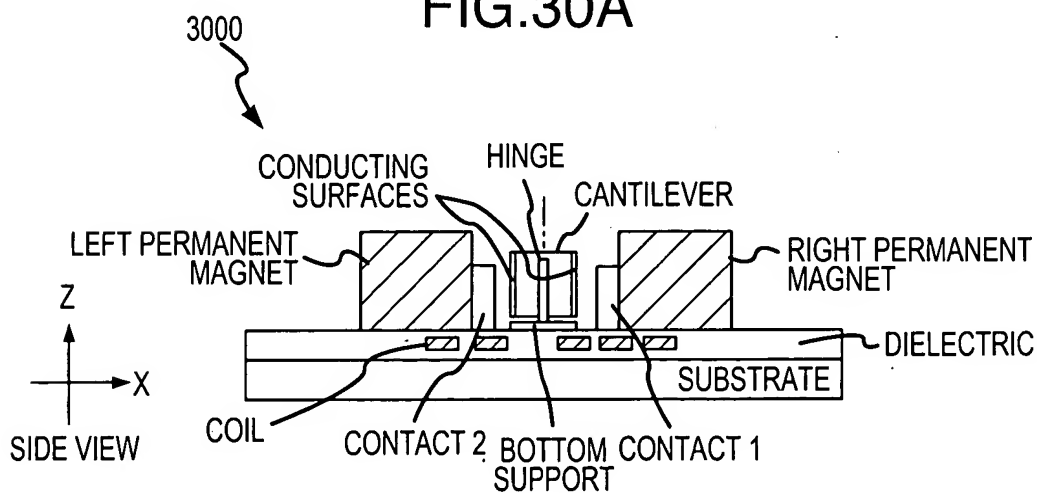


FIG. 30B

202050-244500

23/29

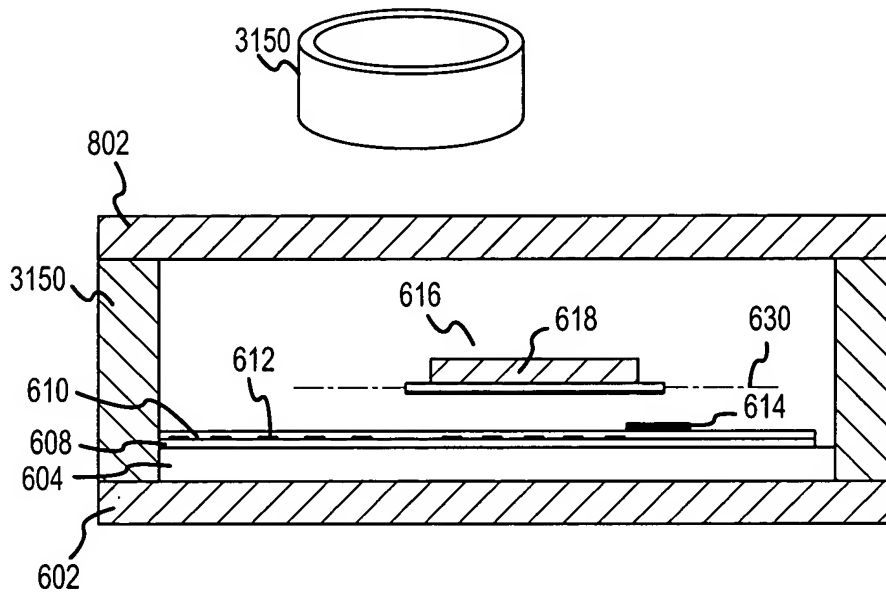


FIG.31

10051447.050702

24/29

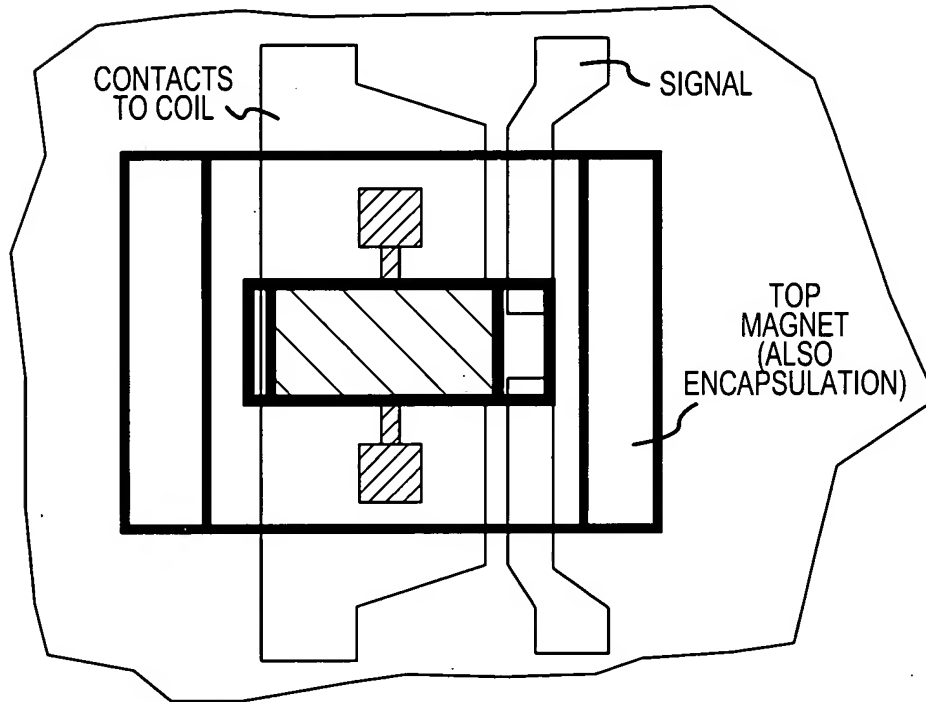


FIG. 32A

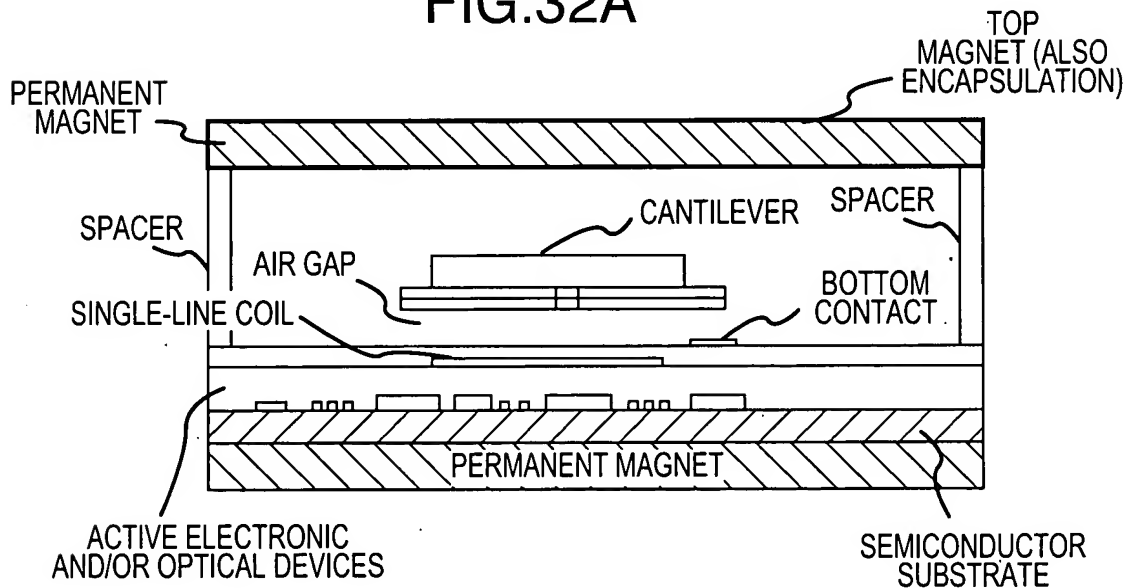


FIG. 32B

10051447.050702



25/29

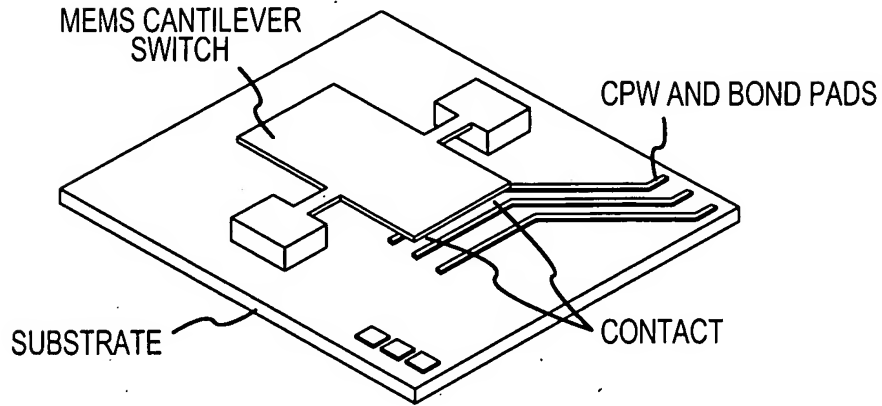


FIG. 33

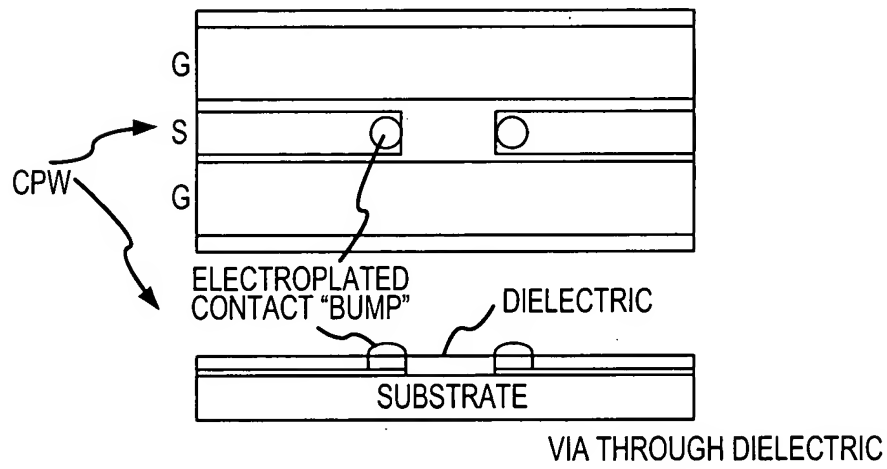


FIG. 34

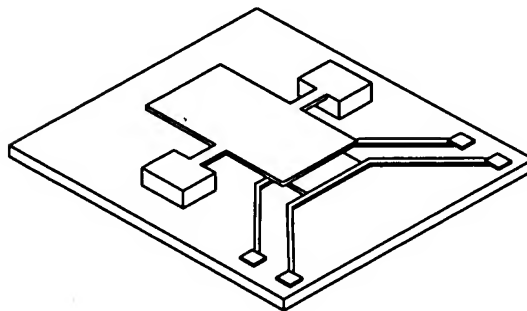


FIG. 35

10051447.050702

26/29

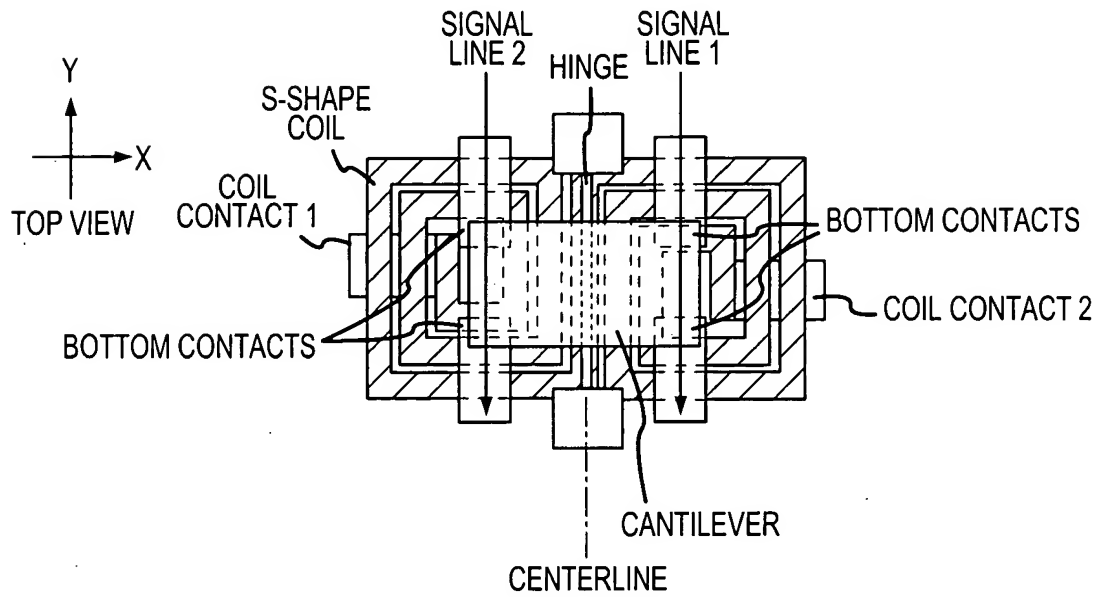


FIG. 36A

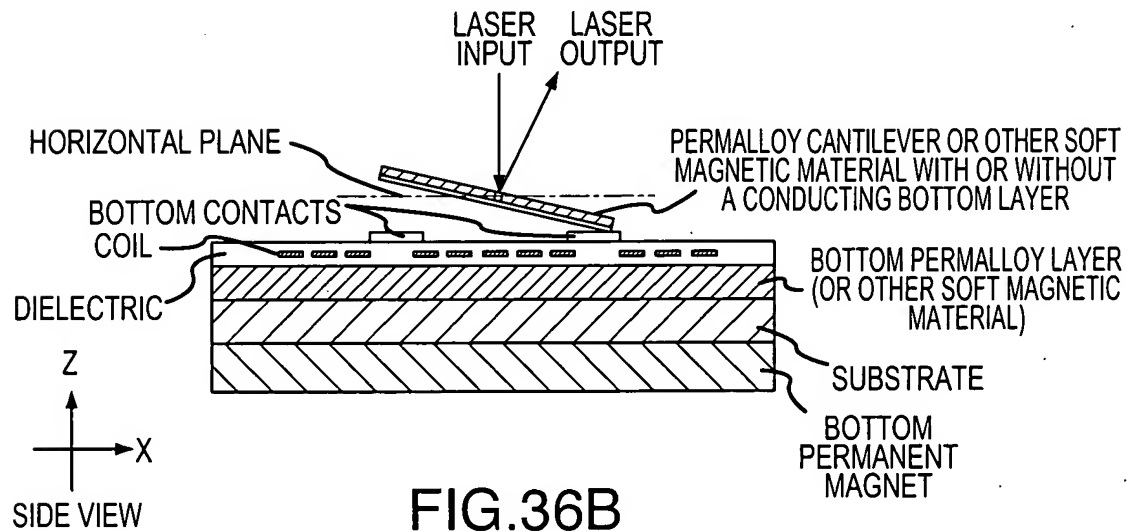


FIG. 36B

202050744T500T

27/29

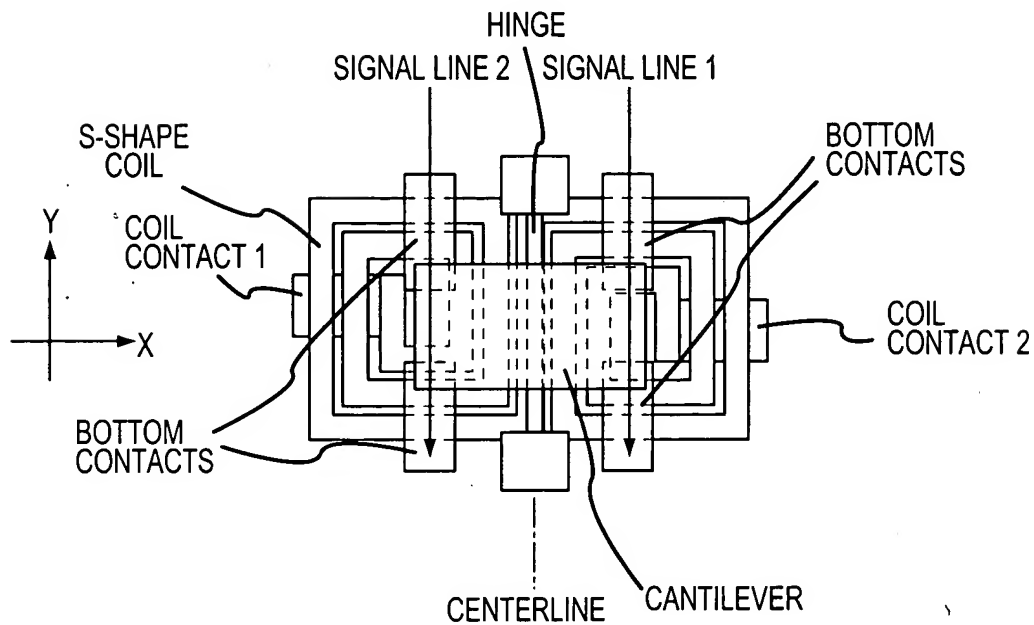


FIG. 37A

TOP PERMANENT MAGNET

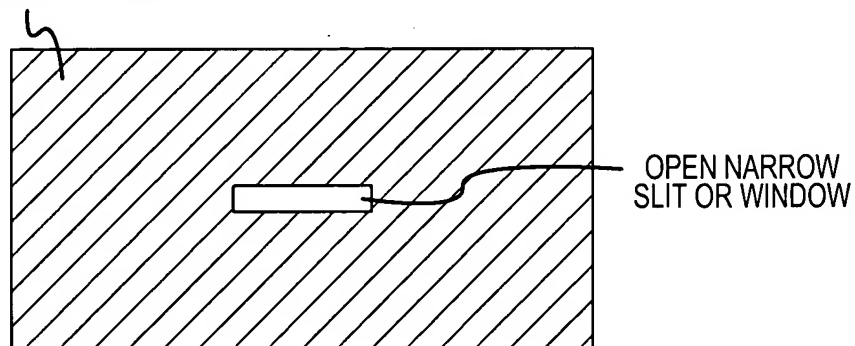


FIG. 37B

28/29

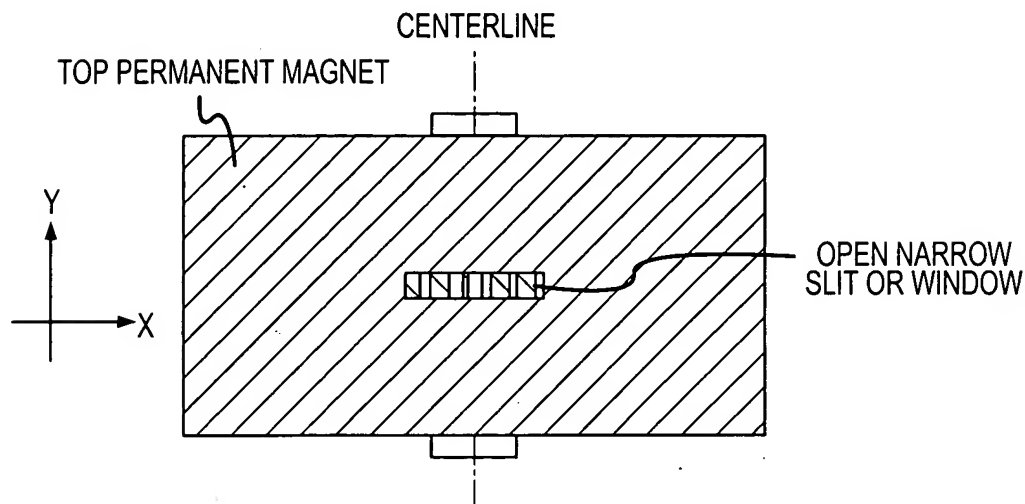


FIG. 37C

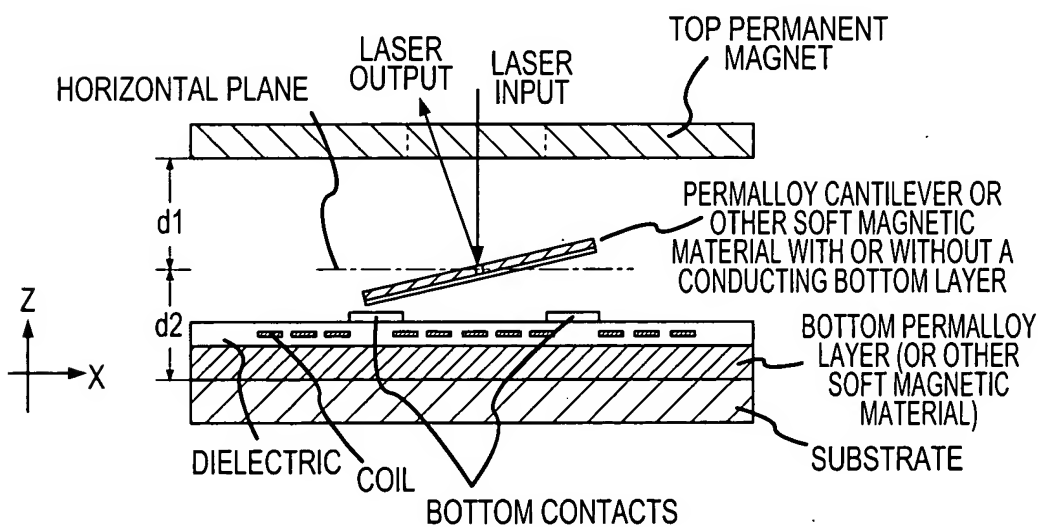


FIG. 37D

Jun Shen, et al.

Application No.: 10/051,447

Docket No.: 12218.1600

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928

29/29

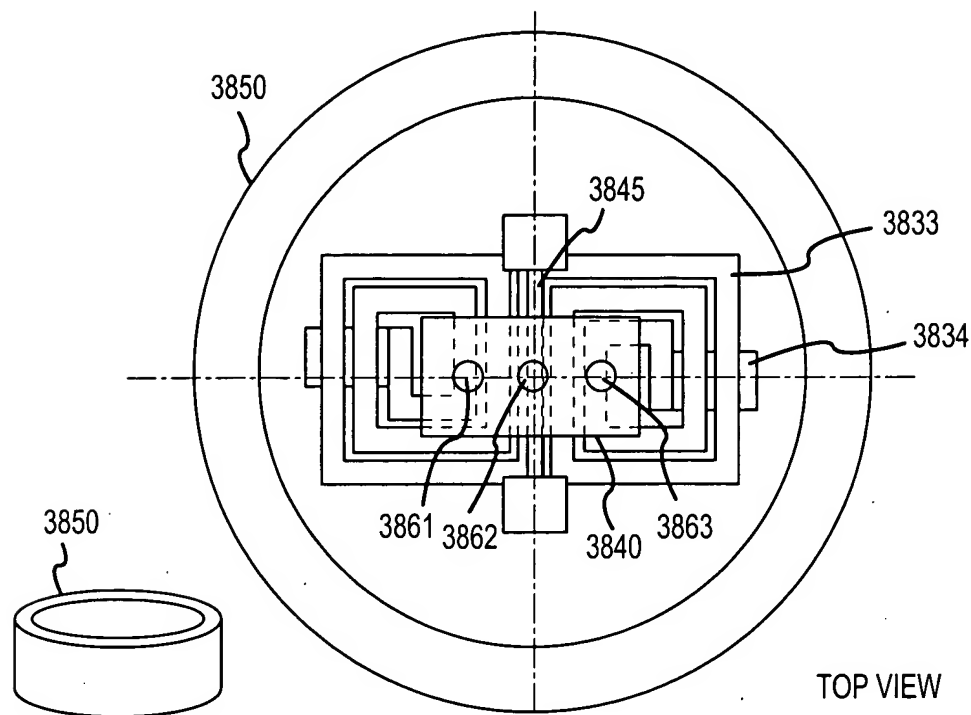


FIG.38A

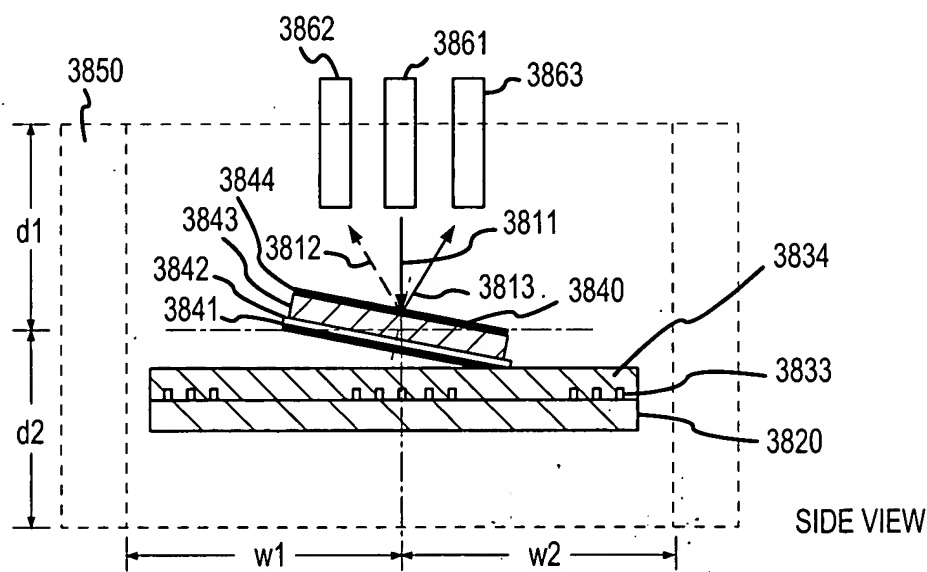


FIG.38B